

Patent  
TH1890 02 (US)  
YI:EM

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*Yukiko Iwata*  
Yukiko Iwata

Date: May 11, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
ABRAHAM R. DE KRAKER, STEVEN A. HOLMES, )  
and KRISHNA R. KAUSHIK )  
Serial No. 10/824,785 )  
Filed April 15, 2004 )  
PROCESS FOR PRODUCTION OF ESSENTIALLY ) May 11, 2004  
CHLORIDE-FREE CALCIUM SULFONATE )  
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)

COMMISSIONER FOR PATENTS  
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Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

ABRAHAM R. DE KRAKER, STEVEN A. HOLMES,  
and KRISHNA R. KAUSHIK

By *Yukiko Iwata*

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Attachments

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TH1890 02 (US)APPLICATION NUMBER  
10/824,785LIST OF INFORMATION PROVIDED  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
A. R. De Kraker et al.FILING DATE  
4/15/04

GROUP ART UNIT

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial	TP	Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
<i>MAY 17 2004</i> PATENT & TRADEMARK SEARCHED		AA 2,266,325	12/16/41	Lazar et al.	252	33	
		AB 2,402,325	6/18/46	Griesinger et al.	252	33	
		AC 2,846,466	8/5/58	Crosby et al.	260	504	
		AD 2,884,445	4/28/59	Axe et al.	260	504	
		AE 3,260,670	7/12/66	Richardson	252	33	
		AF 3,023,231	2/27/62	Logan	260	504	
		AG 2,915,517	12/1/59	Le Suer	260	139	
		AH 3,007,868	11/7/61	Eck et al.	252	33	
		AI 2,418,894	4/15/47	McNab et al.	252	33	
FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation Yes      No
	AL	1,172,779	8/23/67	Great Britain	C07C	139/14	
	AM	1,179,868	10/5/67	Great Britain	C07C	3/20	
	AN	709,587	1/29/52	Great Britain	91	F1D	
	AO	SU 1002287	3/7/83	Soviet Union (Abstract only)			X
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	AR						
	AS						
	AT						
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

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GROUP ART UNIT

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial	Initial	Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
<i>MAY 17 2004</i>	BA	3,719,596	3/6/73	Shore et al.	252	1	
	BB	2,779,784	1/29/57	Sharrah	260	505	
	BC	5,804,094	9/8/98	Alcock et al.	252	18	
	BD	5,789,615	8/4/98	Alcock et al.	562	97	
	BE	5,578,235	11/26/96	Jao et al.	508	391	
	BF	4,615,841	10/7/86	Stamatakis et al.	260	505 N	
	BG	4,279,837	7/21/81	Wellbrock	260	505N	
	BH	2,909,563	10/20/59	Whitney	260	504	
	BI						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No
	BL	SU1002288	6/30/83	Soviet Union (Abstract only)				X
	BM	KR9104672	7/9/91	Korea (Abstract only)	C07C	309/28		X
	BN							
	BO							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

BR	
BS	
BT	

EXAMINER

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